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**UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF CALIFORNIA**

*In re Wells Fargo Mortgage Discrimination
Litigation*

Case No. 3:22-cv-00990-JD

DECLARATION OF JOHN R. KELLER

1 I, John R. Keller, declare:

2 1. I am a Senior Vice President, Business Execution Director for Wells Fargo Home Lending,
3 a division of Wells Fargo Bank, N.A. I have worked at Wells Fargo for more than 18 years. I have personal
4 knowledge of the matters set forth below and could and would testify competently thereto.

5 2. CORE is an interactive front-end workflow tool that guides the flow of the loan origination
6 process. It retrieves, stores, and displays information and data (including data from the loan application,
7 certain outputs from the Risk Engine, and final lending decisions). CORE is not an automated
8 underwriting system and it does not make lending decisions. It does not utilize artificial intelligence.

9 3. The Risk Engine is a technology application that provides information and guidance for
10 credit and operational risk items during the loan underwriting process. It uses data from the applicant's
11 loan application and credit report (which are stored in CORE) to help analyze (based on underwriting
12 policies and guidelines) the applicant's creditworthiness. It also helps team members understand tasks that
13 may be necessary to underwrite the loan and assesses the underwriting authority level required to complete
14 them. Finally, the Risk Engine compares the loan characteristics to the thousands of Wells Fargo-, GSE-,
15 and federal agency-approved eligibility, documentation, and underwriting requirements to help determine
16 if the transaction is within guidelines. It does not utilize artificial intelligence.

17 4. The Risk Engine performs tasks using three general components: (a) business rules; (b)
18 business services; and (c) data attributes.

19 5. The Risk Engine's "business rules" are discrete pieces of objective, if-then logic that can
20 answer business questions. They are based on the Wells Fargo-, GSE-, and federal agency-approved
21 eligibility, documentation, and underwriting requirements. For example, Wells Fargo's credit policies set
22 a minimum credit score of 700 for retail, non-conforming, fixed-rate, purchase loans up to \$3,000,000.
23 Accordingly, there is a business rule that checks whether that requirement is satisfied (if the customer is
24 applying for that type of loan). As additional examples, there are business rules that implement maximum
25 loan amounts, maximum debt-to-income ratio amounts, and the amount of cash reserves required for
26 particular loan transactions. The Risk Engine currently executes tens of thousands of separately
27 identifiable business rules.

6. The Risk Engine's business rules are grouped into 16 different "business services" that are used in the loan origination process, including the Get Risk Decision business service, which is the largest business service within the Risk Engine and contains about 10,000 business rules. Get Risk Decision performs several functions within the Risk Engine. It performs various calculations (e.g., loan-to-value ratio). It determines when a proposed transaction should be sent to the GSEs' or federal agencies' automated underwriting systems (Fannie Mae's Desktop Underwriter ("DU"), Freddie Mac's Loan Product Advisor ("LP" or "LPA"), and HUD's TOTAL Scorecard) based on the type of product applied for, communicates with those systems, and receives their responses. Get Risk Decision also applies the existing credit policy and underwriting guidelines that are embedded within the Risk Engine, via the business rules, to the applicant's data (as reflected in CORE), which helps determine the applicant's loan eligibility.

7. In addition, Get Risk Decision creates detailed messaging for underwriters and loan processors to view in CORE based on the business rules (e.g., "escrow for flood insurance is required" or "Mortgage lates are indicated on the credit report. Loan is not eligible for conventional financing.").

8. Other business services within the Risk Engine include (but are not limited to): (a) the "Get All in Price" business service, which prices the loan; (b) the "Preferred Product Offering" business service, which identifies loan products that may be appropriate for the customer and provides easy-to-understand information about the terms, conditions, and costs involved with the transaction so that the customer can make an informed decision about how to move forward; and (c) the "Qualified Mortgage" business service, which is designed to support compliance with the federal Dodd-Frank Act's "ability to repay" requirements.

9. To perform its functions, the Risk Engine uses data stored in CORE, including data from the loan application and credit report. Although the Risk Engine and CORE are distinct technology applications, they do communicate with each other, and some of the outputs provided by the Risk Engine are displayed in CORE for use by the underwriter during the decisioning process.

10. As stated above, CORE is not an underwriting system or an automated underwriting system. It does not underwrite or evaluate applications, make final lending decisions, or place applicants

into Credit Risk Classes. Instead, CORE is the front-end tool that guides the “flow” of the loan origination process. Employees access CORE via computer using their unique log-in information. When a customer decides to move forward with an application, they can complete it online, or a Home Mortgage Consultant (“HMC”) can complete the application on the customer’s behalf in CORE, using information that is provided by the customer during a face-to-face or telephone interview. CORE contains data fields that correspond to the information that is requested on the paper loan application, also known as the “Form 1003.” The images below accurately reflect some of the application data fields that are present in CORE:

Image 1: Start Application

Image 2: Customer and Account Summaries

Customer And Account Summaries

ERIC Acbank #387795651506117

Customer Summary

☐ Residential Address: 5950 UNIVERSITY AVE WEST DES MOINES IA 50266-8216
☐ Work Phone: 415-396-7955
☐ Cell Phone: 415-396-7955
☐ Home Phone: 999-555-9999
☐ Home Email: 000253380_svc1@purple.wellsfargo.com

Customer Segment Flag (CSF): MASS/SMALLBUS-SBMASS
Wells Fargo Team Member : N
Enterprise Relationship Type: Online Banking Services,Mortgage,Banking

Consent to Retrieve Customer Information

Borrower Details will not be able to be saved until this section is completed

Is ERIC Acbank present or on the phone?
☒ Yes ☐ No

Read the script below once per Consent discussion (Call or Face to Face)
"With your permission, Wells Fargo may be able to electronically access information required for your application on your behalf. This includes information related to your income, checking, savings, or brokerage accounts, as well as other assets you may have.

The information we access may come from Wells Fargo, one of our affiliates, or from a third party, such as another financial institution, or payroll provider.

Allowing us to obtain this information for you can save you time and help streamline the application process."

Do you give permission to Wells Fargo to access information for your application on your behalf?
☒ Yes ☐ No

Cancel Continue

Image 3: Property Details

☐ Yes ☒ No

ZIP

[ZIP Code Look-up](#)

* City * State * ZIP * County Tax Authority

☒ Additional Details

* Occupancy HMDA Occupancy * Property Type Unique Property Type * Closing Notary State

* Attached Estimated Tenure of Ownership

of Units

Property Currently has Commercial Use

☐ Yes ☒ No

If one or more borrowers will occupy the property, will any borrower set aside space to operate their own business?
☐ Yes ☒ No

Will this mortgage loan finance energy-related improvements?
☐ Yes ☒ No

Is this property currently subject to a lien that could take priority over the first mortgage lien, such as a clean energy lien paid for through property taxes (e.g. the Property Assessed Clean Energy Program)?
☐ Yes ☒ No

☒ Building Status

* Building Status

Property Previously Occupied

☒ Property Value

Total Adjusted Purchase Price

Loan Summary

Loan Purpose	Purchase
Estimated Credit Score	
Purchase Price	
Total Loan Amount	
Total Subordinate Financing Amount	
LTV/LTV/LTV	
Interest Rate	0.000
Current APR	
Discount Points/CFRC	
All-in Price	0.000
Qualifying	
House/Total Rates	
Cash to Close	

[Go to Loan Summary](#)

☒ Online Application

☒ Transaction Links

Transaction Summary

Decision Results

Stipulations

Benefit to Borrower Summary

Underwriting Decision Summary

Documents and Packages

Disclosure Receipt Dates

Electronic Loan File

Notes and History

Vendor Services

Agent Search and Maintenance

Rate Lock Maintenance

Enhanced Authority History

Validated Customer Information

Seller Payoff Information

Offering Pre-Eligibility

Accommodations

Image 4: Credit Report

CORE Pipeline | Alerts | Recent Deals | Consultation | Application | Tools | Profile | Access Assistance | Welcome, Sales0001 sales101-031203 | Security Helper | Log Out

Scenario 1 Applied | Scenario 2 | Scenario 3 | All Agency

Application: Data Validator (16) | Data Tracker (1)

✓ Borrower Information | ✓ Title Information | ✓ Liabilities | ✓ Combined Housing | ✓ Funding Summary

✓ Credit | ✓ Rate Management | ✓ Proprietary | ✓ Zero Cash Survey | ✓ Key Dates

✓ Property | ✓ Employment Income | ✓ Closing Fees | ✓ Acknowledgments | ✓ Reg B Exp: 08/27/2022

✓ Product Pricing & Rates | ✓ Assets | ✓ Adjustments | ✓ Closing Details | ✓ Rate Lock Exp: 08/27/2022

✓ Reg B Debt Distributed | ✓ NSD | ✓ Lignment Fee Allowed | ✓ Copy Loan

✓ Credit Exp: 08/27/2022 | ✓ Cancel Deal

Contract with: S Sales0001 sales101-031203

P Not Yet Applied | U Not Yet Applied | N Not Yet Applied | C Not Yet Applied

Reg B Timer Started | PreApproval | Purchase

ERIC Asbank 418-296-7360 (Business/Phone) 1000342296 | Additional Contacts | Status as of 07-28-2023 12:00 PM | Refresh

Credit Report Liability Export

[View Full Report](#)

☒ FACTA / Fraud Product Messages

☒ Credit Score & Alerts

Credit Score & Alerts

Agency Name	Agency
Equifax	782
Experian	735
TransUnion	731

☐ Significant inaccurate credit exists

☐ Non-traditional credit required for Asbank ERIC

☒ Credit Inquiries

Inquiry Summary

Company Name	Date	Days Prior to Credit Report	Explanation of Inquiry	Liability Status	Liability Type

Loan Summary

Loan Purpose	Purchase
Estimated Credit Score	735
Purchase Price	\$80,000.00
Total Loan Amount	\$80,000.00
Total Subordinate Financing Amount	
LTV/LTV/LTV	62.800 / 62.800 / 62.800
Interest Rate	5.275
Current APR	5.457
CFRC	0.125
All-in Price	100.780
Qualifying	29.022 / 27.674
House/Total Rates	
Cash to Close	219,785.43
Telephone	100.780
Program(s)	N/A

[Go to Loan Summary](#)

☒ Online Application

☒ Transaction Links

Transaction Summary

Decision Results

Stipulations

Benefit to Borrower Summary

Underwriting Decision Summary

Documents and Packages

Disclosure Receipt Dates

Electronic Loan File

Notes and History

Vendor Services

Associated Parties to Transaction

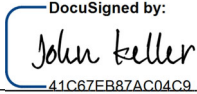
1 11. Data from the application fields, along with other data that is collected during the loan
2 application process, are stored in CORE. CORE pushes the appropriate data and sends it to the requisite
3 business service (e.g., Get All in Price, Preferred Product Offering, Qualified Mortgage, Get Risk
4 Decision), where it is applied to applicable business rules and transformed into outputs, or “answers.”
5 Those outputs are sent to CORE for use during the underwriting process.

6 12. An interactive workflow tool—like CORE—that stores customer data from loan
7 applications, makes that data readily available for use throughout the loan origination process, and helps
8 loan processors and underwriters ensure that they are completing all necessary steps of the loan origination
9 process, is essential to the efficient and accurate processing of those applications.

10 13. The Risk Engine cannot, and is not designed to, identify and evaluate all risk factors or
11 perform every step in the loan origination process. Accordingly, underwriters are instructed that the Risk
12 Engine never supersedes the judgment of the underwriter. Because underwriting is done by human
13 underwriters, the Risk Engine does not eliminate the human component of mortgage lending.

14 14. Nonetheless, the Risk Engine substantially aids the underwriter (and other Wells Fargo
15 employees involved in the loan origination process) by eliminating the need to conduct certain necessary
16 tasks manually, thereby eliminating the need to either (a) memorize the tens of thousands of business rules
17 necessary to conduct those tasks or (b) separately consult applicable credit policies, pricing sheets,
18 underwriting guidelines, and procedures for each loan application. This includes (1) the identification of
19 loan products that might be appropriate for the customer; (2) pricing the loan; (3) calculating income,
20 loan-to-value ratios, debt-to-income ratios, housing-to-income ratios; (4) identifying, from the thousands
21 of eligibility, documentation, and underwriting requirements, the applicable credit policies and
22 underwriting policies to help determine if the transaction is within guidelines; and (5) determining whether
23 a refinancing transaction provides a financial benefit to the borrower.

1 I declare under penalty of perjury that the foregoing is true and correct.

2 
3 41C67EB87AC04C9
4 John R. Keller

5 7/24/2024

6 Executed on July __, 2024

Certificate Of Completion

Envelope Id: 79346279F88D481E9E8FD9259D2E8067

Status: Completed

Subject: Complete with DocuSign: CORE and Risk Engine Business Justification Declaration_(20115088)_(2).DOCX

Source Envelope:

Document Pages: 8

Signatures: 1

Envelope Originator:

Certificate Pages: 3

Initials: 0

Tina Mitchell

AutoNav: Enabled

420 Montgomery St.

Enveloped Stamping: Enabled

San Francisco, CA 94104

Time Zone: (UTC-08:00) Pacific Time (US & Canada)

Tina.M.Mitchell@wellsfargo.com

IP Address: 159.45.22.23

Record Tracking

Status: Original

Holder: Tina Mitchell

Location: DocuSign

7/24/2024 12:53:01 PM

Tina.M.Mitchell@wellsfargo.com

Signer Events

John Keller

john.r.keller@wellsfargo.com

Security Level: Email, Account Authentication
(None)**Signature**

DocuSigned by:



41C67EB87AC04C9...

Signature Adoption: Pre-selected Style

Using IP Address: 159.45.186.43

Timestamp

Sent: 7/24/2024 12:59:01 PM

Viewed: 7/24/2024 1:00:18 PM

Signed: 7/24/2024 1:01:08 PM

Electronic Record and Signature Disclosure:

Accepted: 7/24/2024 1:00:18 PM

ID: f36ec6bc-46dd-42d7-825e-56ae12d61962

In Person Signer Events**Signature****Timestamp****Editor Delivery Events****Status****Timestamp****Agent Delivery Events****Status****Timestamp****Intermediary Delivery Events****Status****Timestamp****Certified Delivery Events****Status****Timestamp****Carbon Copy Events****Status****Timestamp****Witness Events****Signature****Timestamp****Notary Events****Signature****Timestamp****Envelope Summary Events****Status****Timestamps**

Envelope Sent

Hashed/Encrypted

7/24/2024 12:59:01 PM

Certified Delivered

Security Checked

7/24/2024 1:00:18 PM

Signing Complete

Security Checked

7/24/2024 1:01:08 PM

Completed

Security Checked

7/24/2024 1:01:08 PM

Payment Events**Status****Timestamps****Electronic Record and Signature Disclosure**

Electronic Record and Signature Disclosure

Last updated: April 26, 2021

You are entitled by law to receive certain information “in writing.” However, we may instead provide this information to you electronically with your prior consent. We also need your consent to use electronic signatures. In this consent (the “Consent”), “we,” “us,” “our,” and “Wells Fargo” refer to Wells Fargo Bank, N.A. and any affiliate or subsidiary of Wells Fargo Bank, N.A. “You” and “your” refer to the person agreeing to this Consent.

1. **Scope.** In our sole discretion, we may provide to you, or you may sign, submit, or agree to at our request, certain documents, records, disclosures, notices, communications, agreements, fee schedules, statements, and other information in electronic form through the DocuSign system (“Electronic Records”). We may also use electronic signatures and obtain them from you through the DocuSign system (“Electronic Signatures”). You may receive emails related to the Electronic Records and Electronic Signatures. This Consent applies to any Electronic Records or Electronic Signatures in connection with the signing event on the DocuSign system associated with this Consent (the “Signing Event”).
2. **Paper Copies.** We will not send you paper copies of any Electronic Records unless we, in our sole discretion, deem it appropriate to do so. If you desire a paper copy of an Electronic Record, you may: (a) download or print the Electronic Record after the Signing Event; or (b) contact the appropriate customer service unit and request a paper copy, for which we may charge you a fee unless prohibited by law. Any such fee will be disclosed at the time of request.
3. **Your Email Address.** To update your email address before completing the Signing Event: (a) if you arrived at the Signing Event through Wells Fargo Online® or a similar online system, follow the appropriate procedure for that system to update your email address; or (b) if you arrived at the Signing Event through a link in an email you received, please contact the Wells Fargo representative associated with that email.
4. **Withdrawal.** This Consent only applies to the Signing Event, and you will not be able to withdraw this Consent after you have completed the Signing Event. If you do not wish to agree to this Consent, you may decline to continue with the Signing Event.
5. **Software and Hardware Requirements.** To use Electronic Records and Electronic Signatures, you must meet the current minimum DocuSign system requirements, which can be found here: <https://support.docusign.com/guides/signer-guide-signing-system-requirements>. In addition, you must have:
 - A web browser listed on the Wells Fargo Supported Browsers and Operating Systems page (<https://www.wellsfargo.com/help/online-banking/browser-supported>);
 - An Internet connection;
 - An active email account;
 - A currently supported version of a program that accurately displays PDF files;
 - A computer or other device and an operating system capable of supporting all of the above;
 - A printer, if you wish to print out paper copies of Electronic Records; and
 - Electronic storage, if you wish to retain Electronic Records in electronic form.

Please indicate you have read, understand, and agree to this Consent by selecting the checkbox next to “I agree to use electronic records and signatures” before clicking “CONTINUE” within the Signing Event.